

**INFORMATION DISCLOSURE  
CITATION**

(Use several sheets if necessary)

PTO Form 1449

Attorney Docket No.

043694-5015-3

Application No.

09/964,739

Applicant: Woong Kwon KIM *et al.*

Filing Date: September 28, 2001

Group Art Unit: 1772

## U.S. PATENT DOCUMENTS

*Examiner		Document				Sub	
Initial		Number	Date	Name	Class	Class	Filing Date
SA		5,835,176	11/10/1998	Jeong et al.	394	124	03/27/1998
PA		5,819,434	10/13/1998	Herchen et al.	34	232	04/25/1996
SA		5,818,559	10/06/1998	Yoshida	349	122	09/26/1996
PA		5,808,715	09/15/1998	Tsai et al.	349	122	09/19/1997
SA		5,788,871	08/04/1998	Huh	216	84	04./16.1996
SA		5,784,137	07/21/1998	Shiomi et al.	349	88	02/16/1996
SA		5,781,255	07/14/1998	Yamamoto et al.	349	46	10/04/1996
PA		5,767,931	06/16/1998	Paczkoswski	349	158	10/24/1995
SA		5,766,493	06/16/1998	Shin	216	23	10/27/1995
PA		5,715,022	02/03/1998	Takamatsu et al.	348	759	10/07/1994
SA		5,701,165	12/23/1997	Kubo et al.	349	137	06/06/1995
SA		5,654,057	08/05/1997	Kitayama et al.	428	64.1	12/27/1995
SA		5,606,438	02/25/1997	Margalit et al.	349	60	06/12/1995
PA		5,543,181	08/06/1996	Fehn et al.	427	421	12/13/1994
SA		5,540,784	07/30/1996	Ranes	134	10	09/23/1994
SA		5,514,850	05/07/1996	Miyazaki et al.	219	121.69	03/19/1993
SA		5,505,804	04/09/1996	Mizuguchi et al.	156	154	12/22/1994
Examiner <u>Sow-Fu Hu.</u>				Date Considered <u>08/16/02</u>			
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SA	5,434,433	07/18/1995	Takasu et al.	257	59	08/13/1993
PA	5,429,711	07/04/1995	Watanabe et al.	216	52	08/09/1993
PA	5,389,148	02/14/1995	Matsunaga	118	300	01/28/1993
SA	5,378,308	01/03/1995	Thoms	156	640	11/09/1992
SA	5,371,619	12/06/1994	Sirkin et al.	359	53	12/03/1993
PA	5,319,479	06/07/1994	Yamada et al.	359	58	08/30/1991
PA	5,277,715	01/11/1994	Cathey	134	2	06/04/1992
PA	5,251,980	10/12/1993	Hiraoka et al.	374	7	08/10/1992
PA	5,246,540	09/21/1993	Soda	156	663	04/01/1992
PA	5,164,018	11/17/1992	Barcelona Jr.	134	28	03/18/1992
SA	5,159,787	11/03/1992	Suenaga et al.	51	326	09/30/1991
SA	5,112,453	05/12/1992	Behr et al.	204	129	11/05/1991
SA	5,112,437	05/12/1992	Watanabe et al.	156	646	02/20/1991
PA	5,082,518	01/21/1992	Molinaro	156	345	10/29/1991
PA	5,002,627	03/26/1991	Scheithauer et al.	156	345	08/07/1989
PA	5,000,795	03/19/1991	Chung et al.	134	37	06/16/1989

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*Examiner	Document	Date	Name	Class	Sub	Filing Date
Initial	Number				Class	
8A	4,980,017	12/25/1990	Kaji et al.	156	642	09/26/1989
8A	4,953,952	09/04/1990	Okumura et al.	350	337	07/07/1988
8A	4,886,590	12/12/1989	Tittle	204	232	11/02/1987
8A	4,846,868	07/11/1989	Aratani	65	30.14	09/03/1987
8A	4,826,556	05/02/1989	Kobayashi	156	345	05/27/1988
8A	4,715,686	12/28/1987	Iwashita et al.	350	339	11/14/1985
8A	4,624,729	11/25/1986	Bresciani et al.	156	345	10/16/1985
8A	4,501,636	02/26/1985	Valley	156	345	12/28/1983
8A	4,482,425	11/13/1984	Bathey	156	637	06/27/1983
8A	4,341,841	07/27/1982	Ohno et al.	428	4141	11/13/1979
8A	4,332,649	06/01/1982	Sälzle	204	98	11/18/1980
8A	4,240,880	12/23/1980	Tsuchibuchi et al.	204	15	07/11/1979
8A	4,147,581	04/03/1979	Nelson	156	345	09/14/1977
8A	4,125,594	11/14/1978	Su et al.	423	488	12/22.1976
8A	3,869,313	03/04/1975	Jones et al.	134	73	05/21/1973
8A	3,756,898	09/04/1973	Frantzen et al.	156	345	07/14/1969
8A	3,689,333	09/05/1972	Hillhouse	156	14	08/24/1970

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## **FOREIGN PATENT DOCUMENTS**

		Document Number	Date	Country	Class	Sub Class	Translation	
							YES	NO
PA (ABS)		07-168172	07/04/1995	Japan	—	—	Abstract	
PA (ABS)		05-249423	09/28/1993	Japan	—	—	Abstract	
PA (ABS)		05-249422	09/28/1993	Japan	—	—	Abstract	
PA (ABS)		05-61011	03/12/1993	Japan	—	—	Abstract	
PA (ABS)		04-163528	09/06/1992	Japan	—	—	Abstract	
PA (ABS)		04-116619	04/17/1992	Japan	—	—	Abstract	
PA (ABS)		03-22390	06/30/1991	Japan	—	—	Abstract	
PA (ABS)		02-138459	11/19/1990	Japan	—	—	ABS	
PA (ABS)		02-196222	08/02/1990	Japan	—	—	ABS.	
PA (ABS)		02-141703	05/31/1990	Japan	—	—	ABS	
PA (ABS)		01-189631	07/28/1989	Japan	—	—	ABS.	
PA (ABS)		60-163435	08/26/1985	Japan	—	—	Abstract	
PA (ABS) DUPLICATE		01-189631	07/28/89	Japan	—	—	Abstract	
PA (ABS)		38 53 904	03/29/1989	Germany	—	—	Abstract	
PA (ABS)		36 113 87	10/15/1987	Germany	—	—	Abstract	
PA (ABS)		1920 009	10/29/1970	Germany	—	—	Abstract	
Examiner Soo-Fu H.				Date Considered 08/16/02				
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		Document Number	Date	Country	Class	Sub Class	Translation	
							YES	NO
84 (A3)		1 200 180	12/18/1859	France	—	—	Abstract	
84 (A3)		0 659 521 (A3)	01/10/1996	Europe	—	—	A3	
84		0 659 521 (A2)	06/28/1995	Europe	—	—		✓
84		0 586 147	03/09/1994	Europe	—	—		✓
84		0 474 474	03/11/1992	Europe	—	—		✓
84		829,605	03/02/1960	United Kingdom	—	—		✓
84		2 178 895	02/18/1987	United Kingdom	—	—		✓
84		2 178 894	02/18/1987	United Kingdom	—	—		✓

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

84		<del>Von Bernd Hartmann, Neue Recyclingtechniken Und Abwasserbehandlungsmethoden, TECHNISCHE RUNDSCHAU, 37/90, pp. 104-109.</del>						

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